



HOW TO DESTROY GOPHERS

Methods Recommended by the Agricultural Department at Washington.

Nearly every district west of the Mississippi river is more or less infested with the pocket gopher, so very destructive сгоря, Gophers may be destroyed by pol-

by traps and by the use of carbon bisulphide. Poisoning with strychnine is the most effective means, as it may be done the lowest cost. As recommended by the United States department of agriculture. Dissolve

one ounce of strychnine sulphate one pint of boiling water, add a pint of thick sugar syrup and stir. Preserve in a close vessel. This quantity is sufficient to poison one-haif bushel of shelled corn or other grain. Steep the corn in hot water and allow it to soak over night. Then drain and allow it to soak for inches high and cost for wire and posts several hours in the poison syrup. Corn may be rubbed in meal to remove the excess of moisture.

This poisoned corn may be introduced into the runways by the use of a dipple and a spoon. This dipple, shown in the sketch, may be made from a spade handle with a metal point and a strong bar upon which to place the foot in forcing it into the ground. The bar should be about 15 inches from the point. A hole is made, a spoonful of poisoned corn dropped into it and the hole left open. The corn, of course, must be put in or near the main runways.

Trapping is a good method if followed persistently. It is adapted to



POCKET GOPHER AND ITS BURROW

small fields, where only a few gophers are present. A small steel trap may be employed, but there are a number of special gopher traps on the market. These traps must be set in the main gopher tunnel.

Carbon bisulphide has been used extensively for kining gophers. If the burrows are large in dry soil, however, the gas evaporates so rapidly that much of the liquid is required to kill the animals and the methods is expensive. If the burrows are small m moist soil, an ounce of the liquid to each burrow is sufficient. Pour the carbon bisulphide over a bunca of cotton rags or other waste material and How They May Be Removed by the push this quickly into the burrow and close the opening. All the farmers in a community, says the Orange Judd Farmer, must cooperate in order to exterminate the pocket gopher. Un-less they are eradicated from the neighborhood they will soon come in and restock the territory.

A FEW PLOW POINTS.

The Proper Care of the Tool and an Easy Method of Drawing It to the Field.

Before taking plow to the field, care-

fully go over it and tighten up all your plow will feet from the butt bore notes through the upright and insert heavy bolts run almost like has become badly rusted from stand-

new. If the plow ing out in weather, apply kerosene oil and rub briskly for a few minutes with a brick. A simple device for transferring the plow from one part of the farm to another, as suggusted by the Farm and Home, is made of a block of wood 2x4 or five inches wide and 18 to 24 inches long. Iron pins, a, between which land slide sets, and c d is a loop to receive plow point. Where a loop or clamp is not at hand, use pins as shown by dotted lines.

FARM NOTES.

gooseberry bushes.

Get all the wood ashes you can and apply them to the garden and truck

Don't buy a lot of things you do not

tongue is hung in the middle and loose at both ends.

Now, give the boy a few acres to farm with a team, and seeds, and see what he will make of it. It will make him feel like a man and bind him to the farm .- Farm Journal.

RAILS AND WIRE FENCING.

Old Style Fencing Giving Way Slowly But Surely to the More Modern Method.

Much of the old rail fence is still in use in many sections. Though not SATURDAY JULY 14TH, 1906. So heat and structure board fence, it has some points of advantage over other kinds. The rail fence can be easily opened to pass through from field to field with binder or other machinery. Also rails make handy cross fences or hog lot fences being easily taken down and put up again, so as to change size of, or subdivide lots or fields. About the first rails made were split out of white oak and many of these, after 40 or 50 years' use, are yet sound. The same may be said of chestnut rails, but those made of black oak are not so lasting. Stock, especially horses, are seldom hurt by rail fences, yet many are ruined or blemished for life by barbed wire cuts.

The barbed or woven wire fence is necessity in places where little other material is to be had, and eventually, when the wooden tances have all rotted down, we must use the wire, which is neat, looks well, takes up little room and fewer posts than the rail fence. It will stand up longer and better against wind and proves an effective barrier to passage of farm stock or some wild animais.

As fast as needed supplant rails with woven wire about 37 inches high of nine strands. Two inches above it stretch a barbed wire. This will turn horses, cattle, hogs and sheep, but another wire eight inches higher makes it safer for horses or unruly stock, says the Farm and Home. Posts should be placed about eight feet apart and alternate ones need only reach to top of woven wire, and these might be of old rails cut five feet long. Long posts should be of heavy white oak and six and one-half to seven feet long, inserted two to two and one-half feet in ground. Stretch all wires tight ly and anchor end or corner posts wel with heavy braces. Such a fence with two barbed wires will be about 48 from 30 to 35 cents per rod.

A FERTILIZER TEST.

Way a Farmer May Experiment and Ascertain the Elements Needed in Soil,

The writer was recently talking with Prof. C. G. Hopkins of the University of Illinois on the use of phosphorous on the clover being grown at the uni versity farm. The professor gave the following figures on the test on several experimental plots last year. Ten plots were used, two of which were check plots and received no treatment The yield of dried clover hay in tons on the ten plots was as follows:

No treatment, 1.26. Legumes, 1.21. No treatment, 1.15.

Legumes, lime, 1.32. Legumes, 1.21. By comparing the above it will be

een that this land did not lack nitrogen, as the plowing under of the legumes did not incrase the yield. The limed plot gave a slightly increased yield. The next five plots yielded as

Legumes, lime, phosphorus, 2.91. Legumes, phosphorus, 2.91. This seemed to indicate that the

ime was not needed, and without toubt this was the case. Legumes, lime, phosphorus, potas-

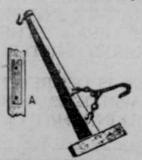
Lime, phosphorus, potassium, 3.19. Lime, phosphorus, potassium, 3.41. The above three plots also indicated that nitrogen was not needed, as the plots yielded about the some with and without the legumes. The story that this set of experiments tells is that the land needs phosphorus and potassium, but does not need nitrogen or

What is to hinder our farmers from carrying on experiments like this on their farms and finding out just what elements are needed in their soils?

LOCUST STUMPS.

Use of a Home-Made Device and Without Digging.

The best way to remove locust stumps without digging is to use stump-puller and pull them out. If they are not large, one can rig up a nome-made lever paller or twister, The accompanying cut shows a homemade device which will answer the purpose if the stumps are not too large. The upright, explains the Ohio Farmer, should be of good material, eight feet long, seven inches thick at the butt and tapering to four inches at the top. At the butt mortise in a piece of plank, three feet long and seven inches wide. At 21/2 to three bolts, etc., and feet from the butt bore holes through



with hooks or eyes at one end. On the

opposite side put a thin iron plate as shown in A and screw the bolts up A mulch works well around the tight. Attach a hook as shown, of 114-inch iron, two feet long. When Save your own seed, or buy the nest ready to use fasten the hook over the seed at four times the cost, if neces- top of the post, cant-hook style and hitch team to the top of lever.

Her Father's Opinion. "How does your father seem to regard my coming here?" anxiously need, merely because the event's asked Adolphus of little Bobby while WE INVITE THE ATTP' TION OF THE PUBLIC TO OUR

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to present herself. "He don't care nothin' about it," replied Bobby, carelessly. "So he has no objection, ch? But

what did he say, my little man?" "He said if Maud had a mind to nake a fool of herself, why let her."

Letters Got Her Lots of Alimony. Patrice-Did she marry the man?

"Then why does she keep the letters? I understand she's been married

o four other men?" "That's right, and divorced from all J. H. Jarrett, 453-7th Ave. our. She used the setters in all of her Smith & Miles, 232 W. 41st St.

Turned to Account. Beryl-Do you remember all the poxes of sweets Jack used to bring M. Clay, 1801 Fitzwater St. Ethel when he was courting? Well, she J. H. Gray, 1233 Pine St. saved them all, because of her teeth. Alpheus Stevens, 1630 Lombard St. Rose-And what did she do with J. A. Stokes, 1411 Fitzwater St.

his money, so she opened a confectioner's shop."-Cassell's Journal.

WANTED TO RETAIN 'EM.



Jessie-You seem to like his attenions. Why don't you marry him? Jennie-Because I like his attentions,

Fashion's Changes. Mr. De style-Why, my dear, I'm Mr. De ityle-Why, my dear, I'm glad to see you so composed. When I left this morning you were weeping, William A. Dabney, 3 Quincy St. William Pope. 174 Myrtle Ave. and wailing, and tearing your hair because Fido was sick.

Mrs. De Style-Well, you see, just after you left, Mrs. Tiptop came in and told me that dogs of Fido's breed were going out of fashion. So I dried my tears and kicked him out .- N. Y. Weekly.

Improved.

He-Suppose you think you imroved me when you married me? She-Why, yes, I do. You haven't written any of that soft poetry since married you!-Yonkers Statesman.

The Beginning of the End. First Cigarette Holder—And they--married and lived happily ever fter, I suppose? ond Cigarette Holder-Yes, after

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